

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

Claims 23-31 and 33 are withdrawn.

Claim 1 (currently amended)      A method for detecting an unbound form of a first member of a binding pair, the binding pair comprising a first and second member, each member bindable to the other, the method comprising the steps of:

- (a) providing a first particle bound to the second member;
- (b) reacting the first particle bound to the second member with a sample, thereby forming a first complex between the second member bound to the first particle and unbound first member present in said sample;
- (c) providing a second particle bound to a third member, the third member being different from the second member and being capable of binding to the first member;
- (d) reacting the second particle bound to the third member ~~to~~ with the sample, thereby forming a second complex between the third member bound to the second particle and the first complex; and
- (e) detecting any second complex formed by determining turbidity or agglutination.

Claim 2 (previously presented)      The method of claim 1, wherein the third member is an antibody which specifically binds to the first member.

Claim 3 (currently amended)      The method of claim 1, wherein at least one of the first and/or second particle is comprises latex.

- Claim 4 (previously presented)      The method of claim 1, wherein the second complex is detected by measuring an increase in the turbidity of the sample.
- Claim 5 (previously presented)      The method of claim 1, wherein steps (a) through (d) are performed sequentially.
- Claim 6 (previously presented)      The method of claim 1, wherein steps (a) through (d) are performed simultaneously.
- Claim 7 (previously presented)      The method of claim 1, wherein the amount of second complex formed is quantitated.
- Claim 8 (previously presented)      The method of claim 1, wherein the first member is protein S.
- Claim 9 (previously presented)      The method of claim 1, wherein the second member is C4b-binding protein (C4BP).
- Claim 10 (previously presented)      The method of claim 1, wherein the sample is selected from the group consisting of blood, plasma, serum, saliva, CSF, urine, culture media, a cell suspension, a buffer and an artificially prepared fluid containing the first member.
- Claim 11 (previously presented)      The method of claim 1, wherein the second member binds to the first member at a single binding site.
- Claim 12 (previously presented)      The method of claim 11, wherein the third member binds to the first member at a single binding site which is different from the single binding site to which the second member binds.
- Claim 13 (previously presented)      The method of claim 1, wherein step (b) is performed within 0 to about 180 seconds.

Claim 14 (currently amended) The method of claim 1, wherein the ~~molar ratio of third member to and the second member~~ are in a molar ratio of between about 2 and 20.

Claim 15 (currently amended) The method of claim 1, wherein the ~~molar ratio of the third member to and the second member~~ are in a molar ratio of between about 5 and 10.

Claim 16 (currently amended) The method of claim 1, wherein the ~~amount of third member is present in an amount that is higher than the~~ an amount of the free first member is in the sample.

Claim 17 (currently amended) The method of claim 1, wherein the ~~molar ratio of third member and the free first member in the sample~~ are in a molar ratio of between about 10 and 40 ~~times the amount of free first member in the sample~~.

Claim 18 (currently amended) A composition for detecting an unbound form of a first member of a binding pair, the binding pair comprising a first and a second member, each member bindable to the other, the composition comprising:

a first particle bound to the second member;

a second particle bound to a third member, the third member being different from the second member and capable of binding to the first member at a binding site different from the second member, wherein the first member comprises protein S and the second member comprises C4BP.

Claim 19 (previously presented) The composition of claim 18, wherein the first member is protein S and the second member is C4BP.

Claim 20 (previously presented) The composition of claim 18, wherein the third member is an antibody and the second member is not an antibody.

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Claim 21 (previously presented)      The composition of claim 18, wherein the second member comprises a single binding site for the first member.

Claim 22 (currently amended)      The composition of claim 21, wherein the third member binds to the first member at a single binding site which is different from the single binding site to which the second member binds.

Claim 32 (previously presented)      A method for diagnosing thrombophilia comprising performing the method of claim 8, and further comprising comparing the amount of second complex formed to the amount of second complex formed in a sample derived from an individual without thrombophilia.